

Converting Colors

XYZ(28.3380, 27.6280, 36.2321)

Have a look what the booklet for
XYZ(28.3380, 27.6280, 36.2321)
contains.

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Color

**XYZ(28.3531, 27.6093,
36.1825)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 988B9E |
| RGB | 152, 139, 158 |
| RGB Percent | 60%, 55%, 62% |
| CMY | 0.4039, 0.4549, 0.3804 |
| CMYK | 0.04, 0.12, 0.00, 0.38 |
| HSL | 281°, 9%, 58% |
| HSV | 281°, 12%, 62% |
| XYZ | 28.3531, 27.6093, 36.1825 |
| YIQ | 145.0530, 1.6490, 8.6650 |

Conversions

Conversions Part 2

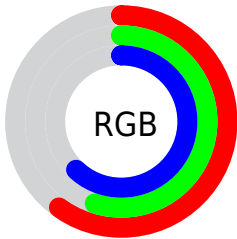
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 152, 139, 158 |
| Decimal | 9997214 |
| CIE Lab | 59.53, 8.51, -8.30 |
| CIE LCh | 60, 11.884, 315.712 |
| Yxy | 27.6093, 0.3077, 0.2996 |
| Android (android.graphics.Color) | 4288187294 (0xFF988B9E) |
| YUV | 145.0530, 6.3829, 6.0925 |
| Hunter-Lab | 52.5446, 4.3658, -4.0463 |

Details

The XYZ color **28.3531, 27.6093, 36.1825** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5651, 32.3383, 29.1639**, and the grayscale version is **26.9103, 28.3117, 30.8315**.

A 20% lighter version of the original color is **56.3135, 55.6252, 70.7195**, and **11.5930, 10.9730, 15.4169** is the 20% darker color. If you saturate the color by 10%, you get **25.3145, 22.8892, 35.4320**, and if you desaturate by 10%, it is **31.7633, 33.0133, 37.0463**.

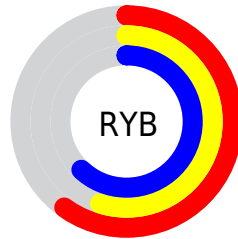
Distribution



Red (60%)

Green (55%)

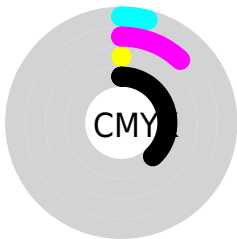
Blue (62%)



Red (60%)

Yellow (55%)

Blue (62%)

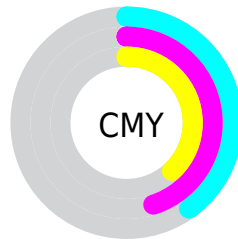


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (38%)



Cyan (40%)

Magenta (45%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3531, 27.6093, 36.1825 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.3531, 27.6093, 36.1825 by changing the saturation by 10% instead.

■ 28.3531, 27.6093,
36.1825

■ 28.3531, 27.6093,
36.1825

286.1999,
290.5953, 344.8190

■ 18.7338, 18.0314,
24.2844

■ 56.4524, 55.8601,
70.4859

■ 11.5810, 10.9725,
15.3306

■ 75.6631, 75.3017,
93.7282

■ 6.5292, 6.0483,
8.9025

■ 98.8017, 98.7999,
121.5890

■ 3.2131, 2.8745,
4.5817

126.2335,
126.7393, 154.4868

■ 1.2675, 1.0666,
1.9496

158.3239,
159.5041, 192.8402

■ 0.1587, 0.0000,
0.5240

195.4381,

■ 0.0000, 0.0000,

197.4788, 237.0676

0.0000

237.9417,
241.0477, 287.5877

■ 28.3531, 27.6093,
36.1825

■ 28.3531, 27.6093,
36.1825

■ 25.3145, 22.8892,
35.4320

■ 31.7633, 33.0133,
37.0463

■ 22.6305, 18.8211,
34.7882

■ 35.5563, 39.1244,
38.0259

■ 20.2862, 15.3754,
34.2467

■ 39.7460, 45.9693,
39.1263

■ 18.2648, 12.5194,
33.8020

■ 44.3448, 53.5718,
40.3513

■ 16.5477, 10.2167,
33.4480

■ 49.3644, 61.9550,
41.7049

15.1147, 8.4273,
33.1782

54.8162, 71.1408,
43.1906

13.9423, 7.1053,
32.9848

60.7110, 81.1503,
44.8119

13.0030, 6.1966,
32.8589

63.6498, 85.1848,
45.4358

12.3683, 5.6632,
32.7894

64.9342, 85.8469,
45.4959

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.0277, 27.6093, 38.7006



28.3531, 27.6093, 36.1825



29.1262, 27.6093, 32.1391

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.3531, 27.6093, 36.1825



26.9574, 27.6093, 22.7710



23.5716, 27.6093, 32.3460

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.3531, 27.6093, 36.1825



28.5651, 32.3383, 29.1639

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.5544, 27.6093, 28.0761



28.3531, 27.6093, 36.1825



25.4713, 27.6093, 22.8150

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.3531, 27.6093, 36.1825



28.3000, 27.6093, 24.5470



24.2380, 27.6093, 24.6735



24.2859, 27.6093, 36.3464

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.3531, 27.6093, 36.1825



29.2063, 27.6093, 29.2502



24.2380, 27.6093, 24.6735



23.4850, 27.6093, 30.8884

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.3539, 27.6105, 36.1831



56.3531, 57.8320, 66.9360



26.9481, 28.2147, 36.3738



12.6011, 12.8732, 15.0643



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.3539, 27.6105, 36.1831



50.1904, 48.1047, 65.3833



29.2099, 28.0859, 34.6802



6.7002, 6.6495, 8.3370



9.9476, 4.5572, 26.2626



0.2195, 0.1029, 0.4715

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.4450, 27.7799, 30.6523



50.3986, 48.4734, 53.5822



27.7942, 31.9110, 30.4776



6.7151, 6.6789, 7.3507



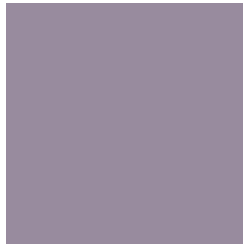
11.7687, 6.0120, 3.0328



0.2284, 0.1147, 0.1489

Previews

White Background



This preview shows how the XYZ color 28.3531, 27.6093, 36.1825 looks on a white background.

Color Contrast Check

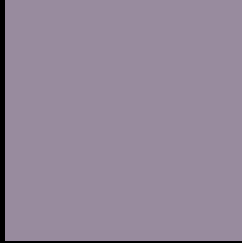
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.3531, 27.6093, 36.1825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3531, 27.6093, 36.1825

Background



This preview shows how black text looks on a background with the XYZ color 28.3531, 27.6093, 36.1825.



This preview shows how white text looks on a background with the XYZ color 28.3531, 27.6093,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.3531, 27.6093, 36.1825

Protanopia

27.0027, 27.5468, 37.1516

Deuteranopia

28.1667, 27.5132, 36.1738



Tritanopia

27.7265, 27.5698, 33.1383

Trichromacy



Original Color

28.3531, 27.6093, 36.1825

Protanomaly

27.4599, 27.5727, 36.6757

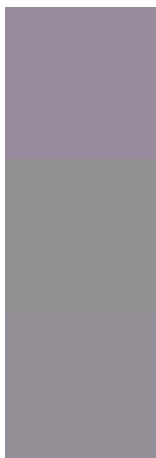
Deuteranomaly

28.1667, 27.5132, 36.1738

Tritanomaly

27.9733, 27.6686, 34.4381

Monochromacy



Original Color

28.3531, 27.6093, 36.1825

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.5402, 28.1428, 32.8347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3531, 27.6093, 36.1825 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(152, 139, 158)` looks like.

```
.text, #text, p{  
    color:rgb(152, 139, 158)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(152, 139, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 139, 158) }
```

Border

The CSS property to change the border of an element to XYZ 28.3531, 27.6093, 36.1825 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 139, 158) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(152, 139, 158) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(152, 139, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 139, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 139, 158);  
box-shadow:4px 4px 4px 4px rgb(152, 139,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3531, 27.6093, 36.1825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 139, 158) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(152,  
139, 158) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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